OIPE JC106
FEB 03 2005
PATENT & TRADEMARK OFFICE

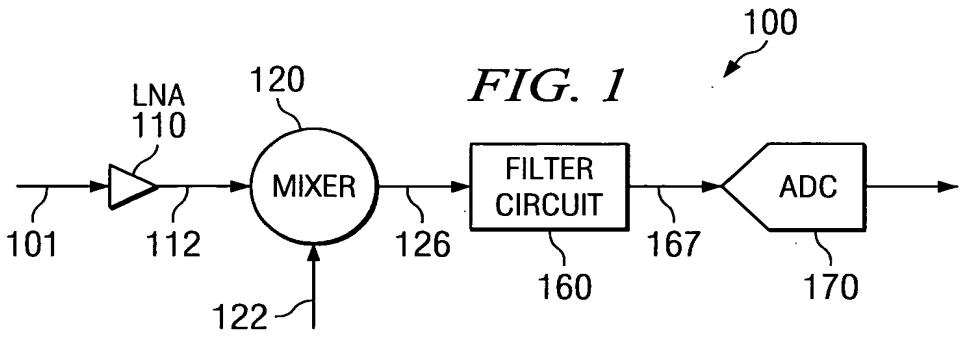


FIG. 1

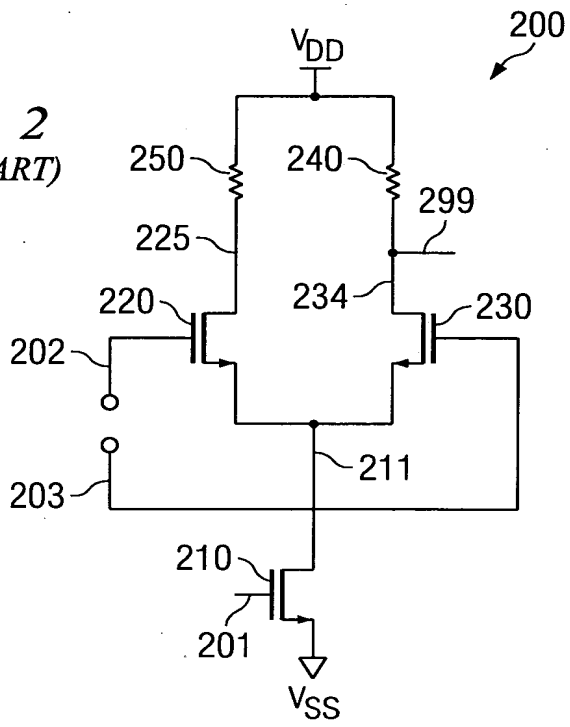


FIG. 2
(PRIOR ART)

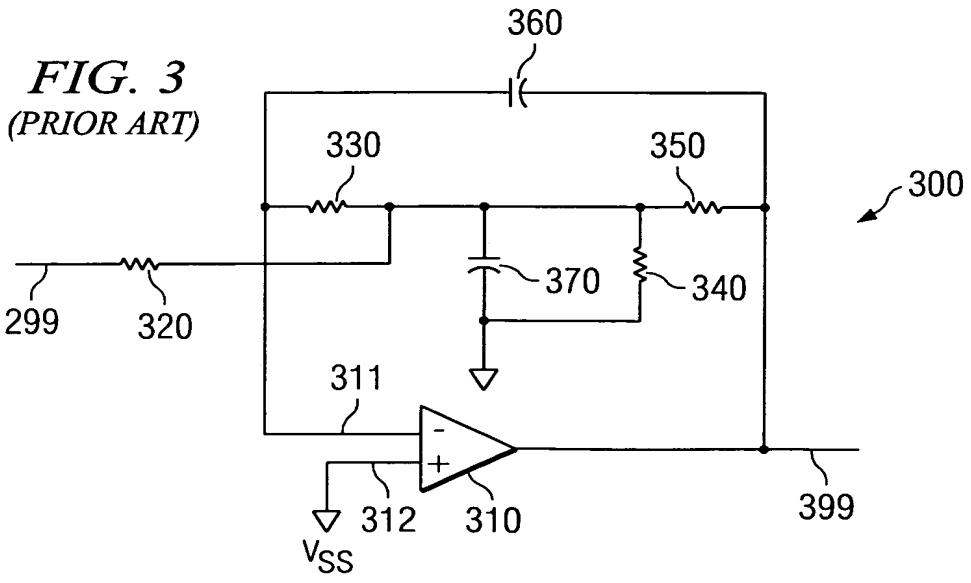


FIG. 3
(PRIOR ART)

FIG. 4
(PRIOR ART)

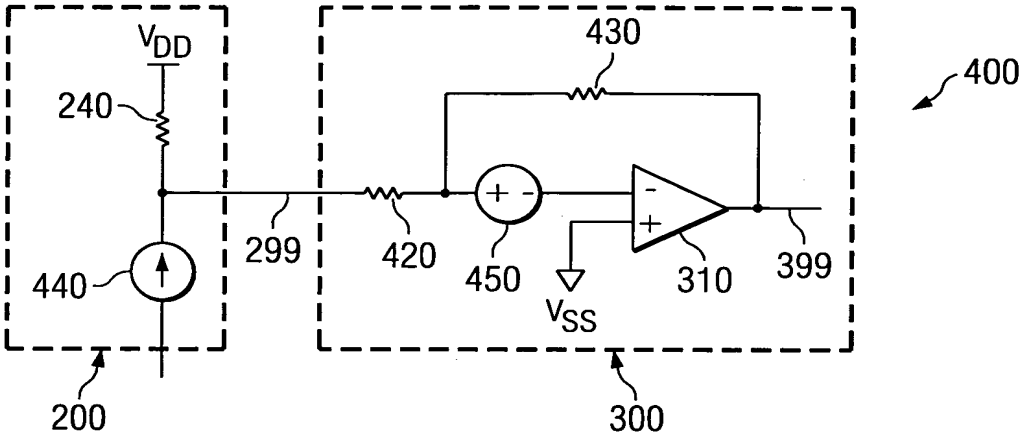


FIG. 5A

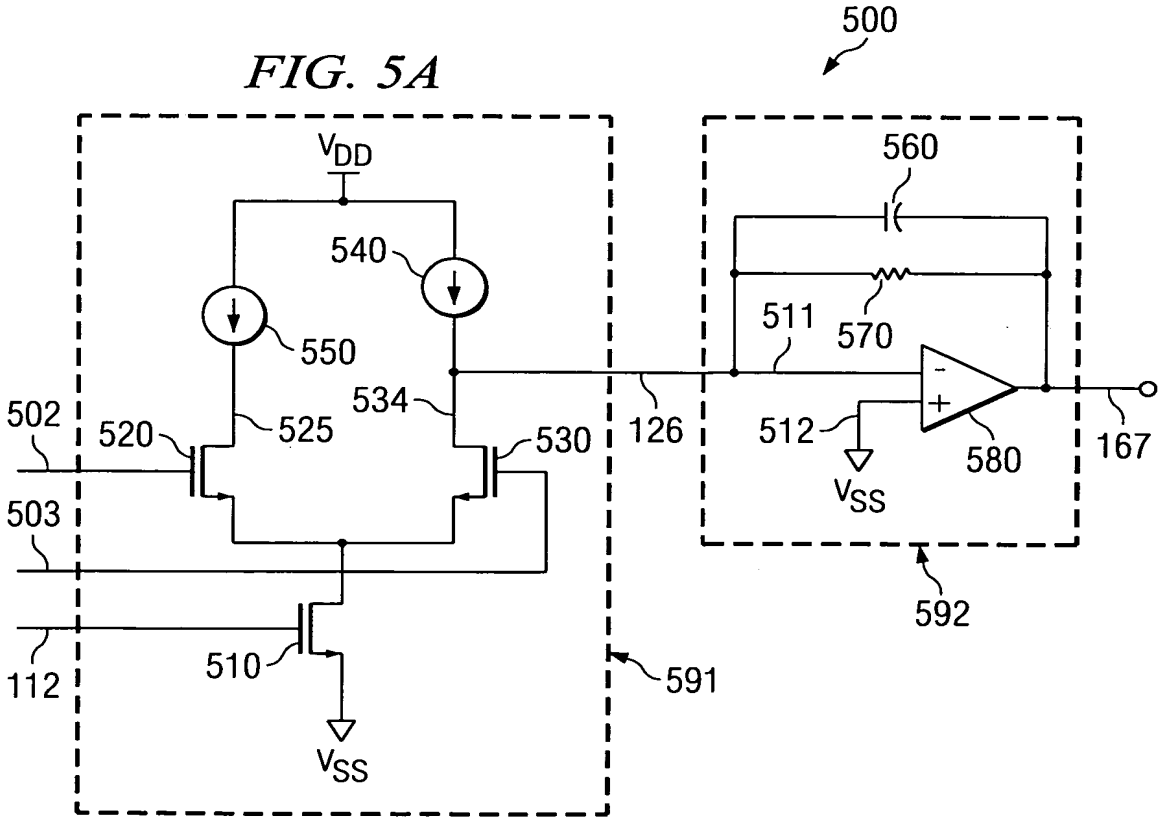


FIG. 5B

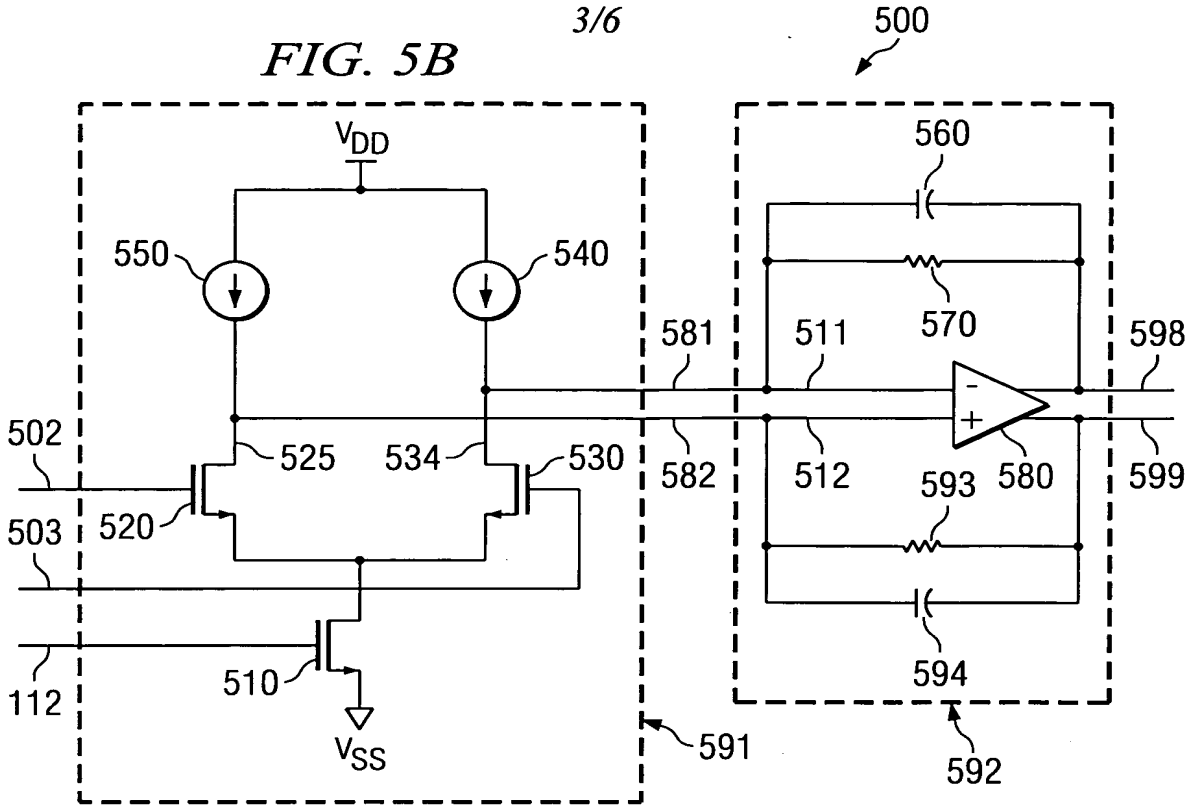


FIG. 6A

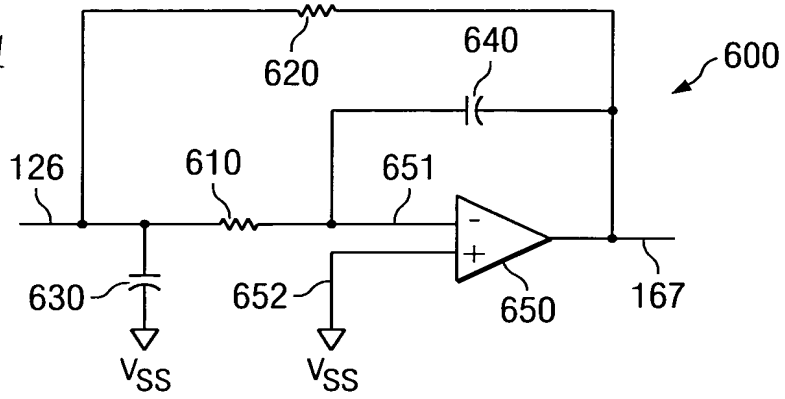


FIG. 6B

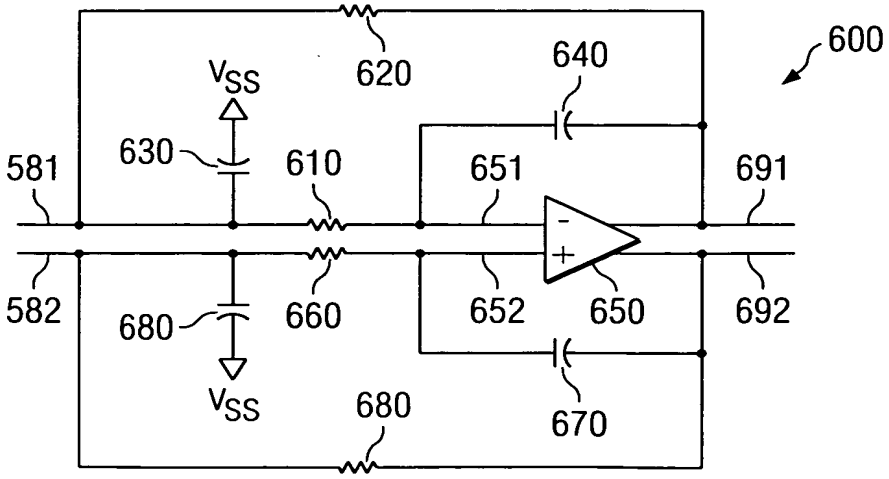


FIG. 7

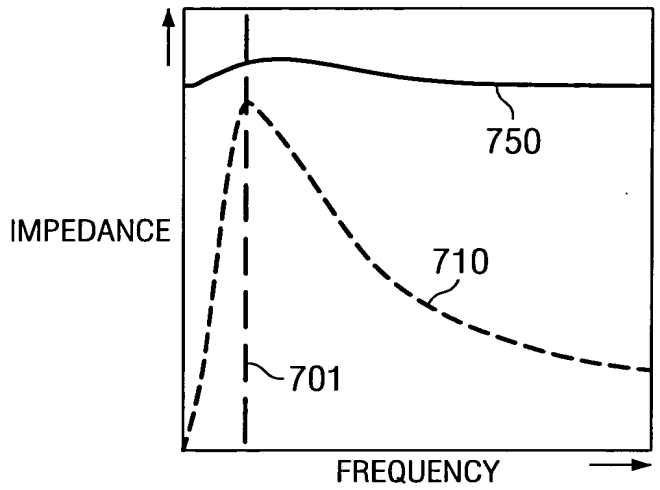


FIG. 8

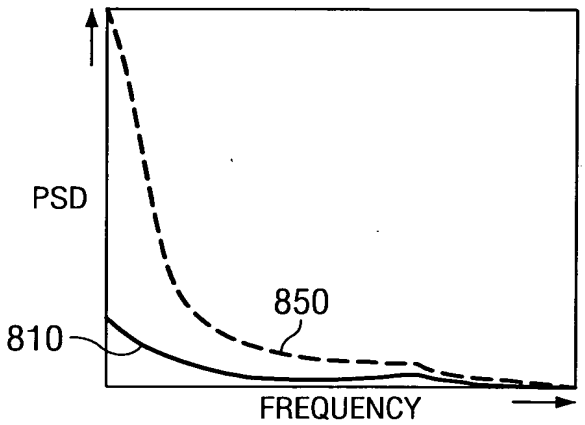
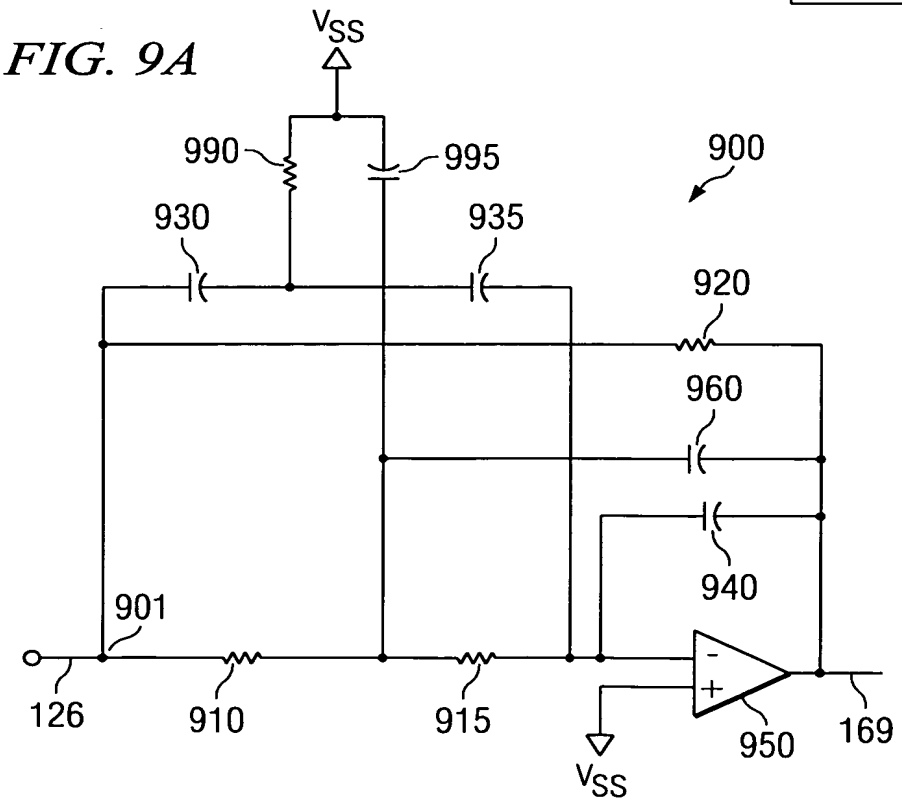


FIG. 9A



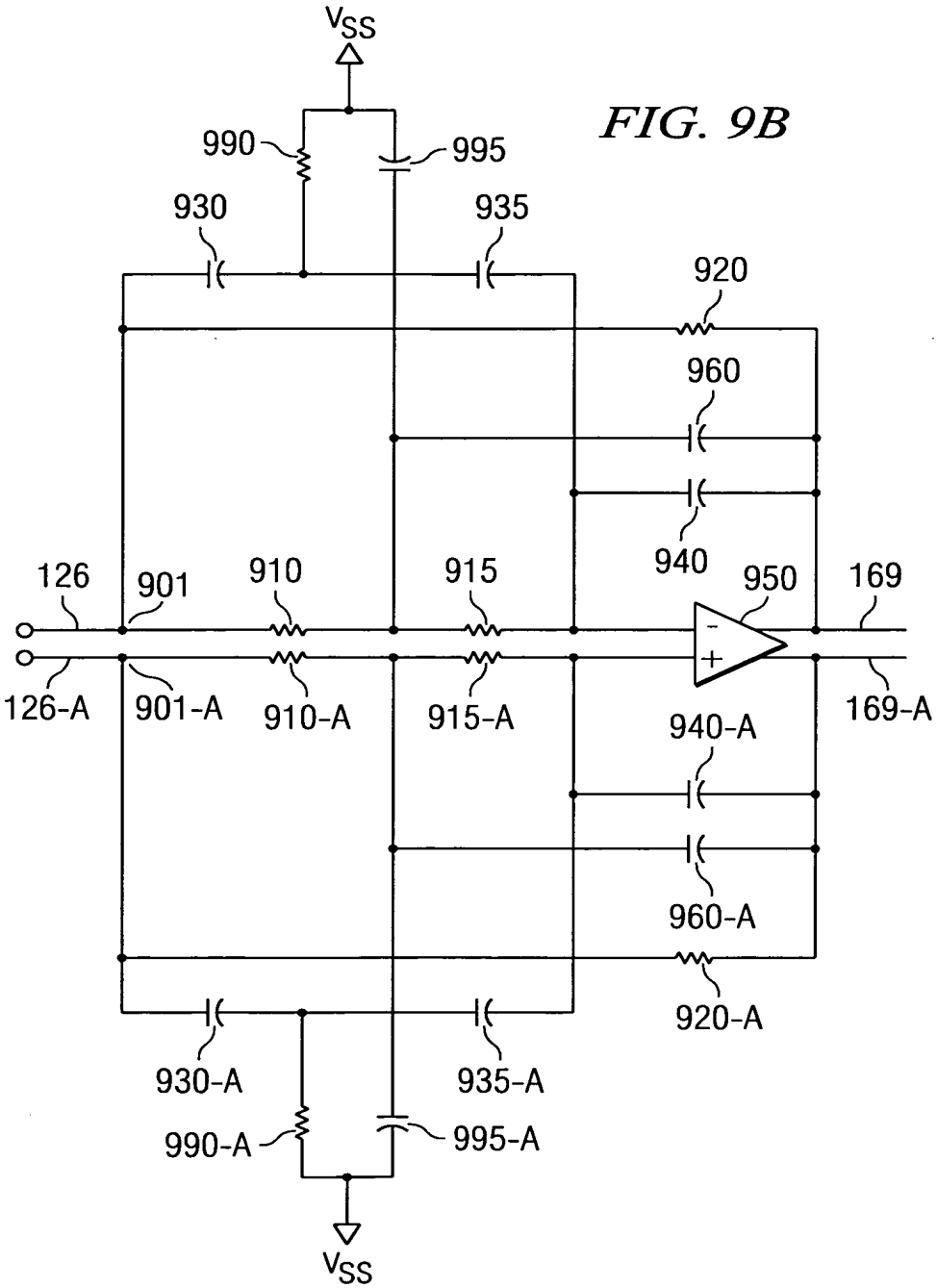
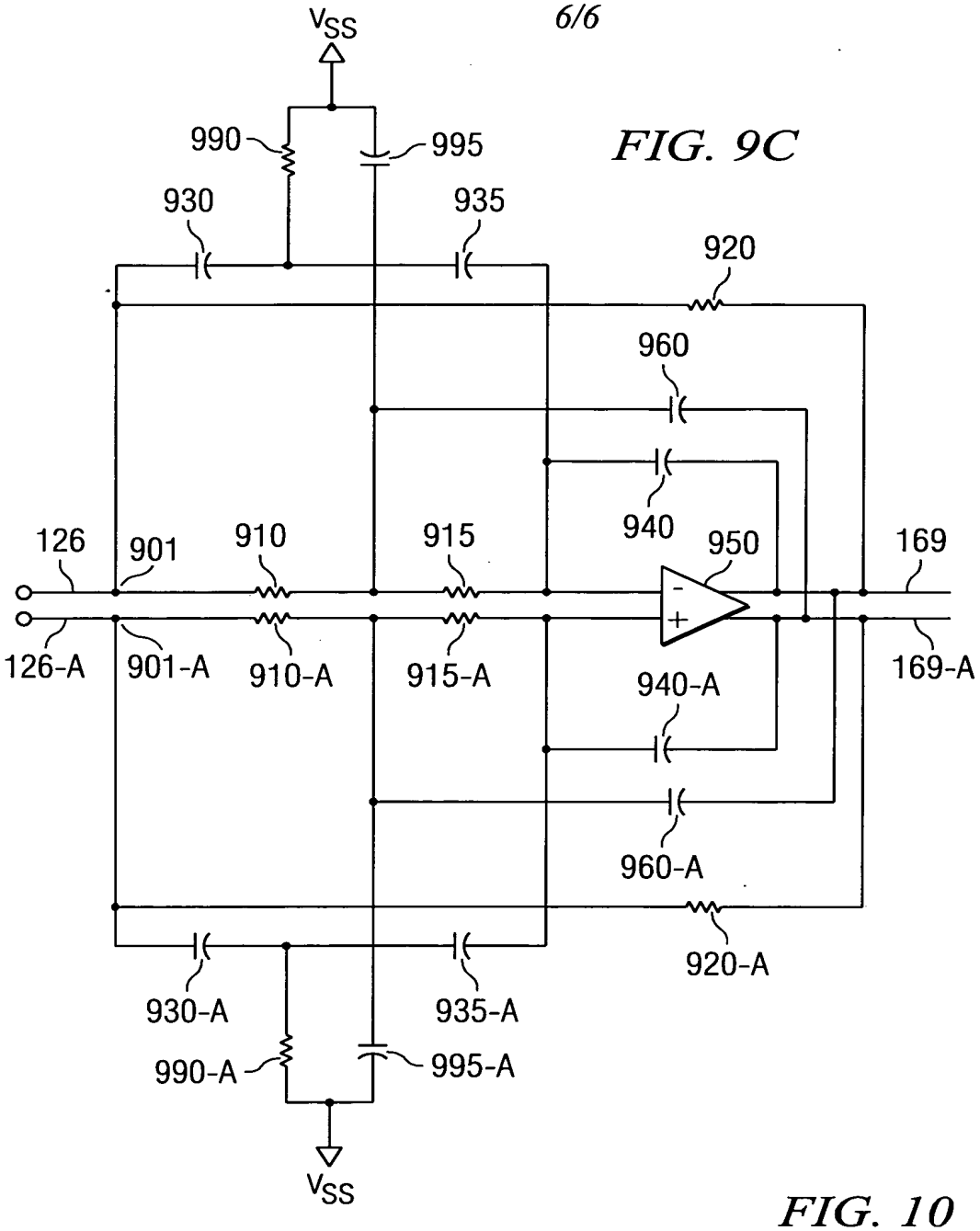

VSS
990
995
930
935
920
960
940
126
901
910
915
950
169
126-A
901-A
910-A
915-A
940-A
169-A
960-A
920-A
930-A
935-A
990-A
995-A
VSS

FIG. 9B


V_{SS}
990
995
930
935
920
960
940
126
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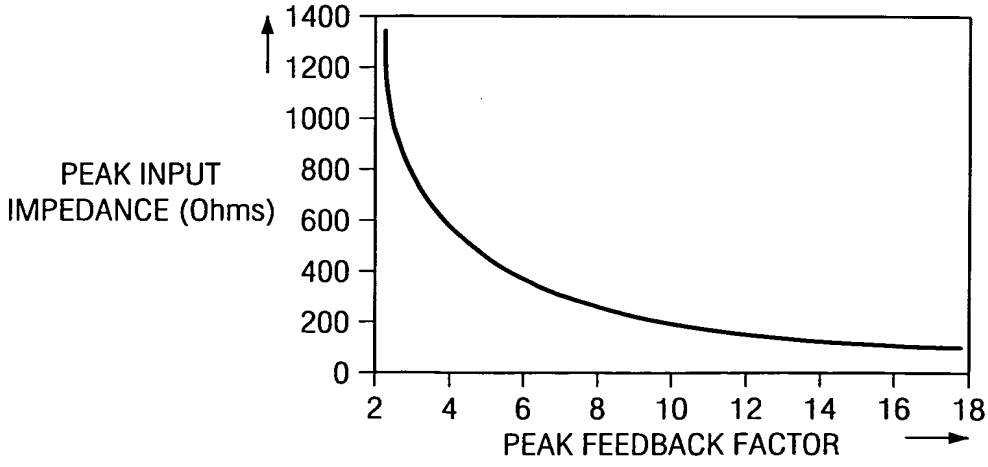
910
915
950
169
126-A
901-A
910-A
915-A
940-A
169-A
960-A
920-A
930-A
935-A
990-A
995-A
V_{SS}

FIG. 9C

FIG. 10


PEAK INPUT
IMPEDANCE (Ohms)
1400
1200
1000
800
600
400
200
0
2
4
6
8
10
12
14
16
18
PEAK FEEDBACK FACTOR